

06/27/01
JCS60 U.S. PTO

BOX PATENT
Attorney Docket No. 24691

J1036 U.S. PTO
09/891392
06/27/01

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of:

Inventor: Katsumi TAKAOKA Keiichi KANEKO

Serial No. NOT YET ASSIGNED Filed: June 27 2001

Title: RECURSIVE DISCRETE FOURIER TRANSFORMATION METHOD AND
RECURSIVE INVERSE DISCRETE FOURIER TRANSFORMATION METHOD

TRANSMITTAL LETTER

Assistant Commissioner for Patents
Washington, D.C. 20231

Sir:

Submitted herewith for filing in the U.S. Patent and Trademark
Office is the following:

- (1) Transmittal Letter
- (2) PTO Form 1082
- (3) 64 page Application consisting of
 - 42 Pages Textual Specification
 - 15 Pages of 22 claims
 - 1 page containing the Abstract of the Disclosure
 - 6 sheets drawings
- (4) Executed Declaration/Power of Attorney
- (5) Assignment and Recordation Cover Sheet
- (6) Check No. 15030 \$ 1146.00 for filing fee
- (7) Check No. 15031 \$ 40.00 for recordation fee
- (8) Postcard for early notification of serial number

The Commissioner is hereby authorized to charge any deficiency
or credit any excess to Deposit Account No. 14-0112.

Respectfully submitted,
NATH & ASSOCIATES PLLC

Date: June 27, 2001

By: Gary M. Nath
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Registration No. 26,965
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Patent, Trademark and Copyright Causes
Unfair Competition, Trade Secrets,
Licensing and Litigation

*Practice limited to Matters and Proceedings
before Federal Courts and Agencies; not Admitted
in DC

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** Registered Patent Agent: not Admitted in DC

FORM PTO-1082

TRANSMITTAL FOR NEW U.S. PATENT APPLICATION

Assistant Commissioner of
Patents and Trademarks
Washington, D.C. 20231

Re: New U.S. Patent Application
For: RECURSIVE DISCRETE FOURIER TRANSFORMATION
METHOD AND RECURSIVE INVERSE DISCRETE
FOURIER TRANSFORMATION METHOD
Inventor(s): Katsumi TAKAOKA Keiichi KANEKO
Attorney Docket: 24691

Sir:

Attached hereto is the application identified above, including:

1. 64 page Application consisting of
42 Pages Textual Specification
15 Pages of 22 claims
1 page containing the Abstract of the Disclosure
6 sheets drawings
2. Executed Declaration/Power of Attorney
3. Assignment and Recordation Cover Sheet

The Government filing fee* is calculated as follows:

Total Claims	22 - 20 = 2	x \$18.00 =	<u>\$36.00</u>
Independent Claims	8 - 3 = 5	x \$80.00 =	<u>\$400.00</u>
Base Fee			<u>\$710.00</u>
Multiple Dependent Claim Fee (\$260.00)			<u>\$ 0.00</u>
	Subtotal		<u>\$1146.00</u>

TOTAL FILING FEE*

(accounting for possible small entity status) . . . \$1146.00

*Reduced by one-half, as applicant(s) is/are a "small entity".
A Declaration Claiming Small Entity Status:

is submitted herewith;

will be filed at a later date.

Foreign priority is claimed under 35 U.S.C. § 119 from Japanese Patent Application(s) No. P2000-198374 dated June 30, 2000 and No. P2000-204916 dated July 6, 2000 and No. P2000-234130 dated August 2, 2000 .

Priority document(s) will be submitted at a later date.

Priority document(s) is/are submitted herewith.

Executed Declaration(s) will be submitted at a later date pursuant to 37 CFR § 1.41 and § 1.53, with an appropriate surcharge under 37 CFR § 1.16(e).

Formal drawing(s) is/are attached.

Formal drawing(s) will be submitted at a later date.

Assignment document(s) is/are submitted herewith; the recordation fee of \$40.00 per document is enclosed herewith.

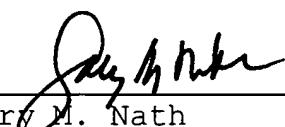
Assignment document will be submitted at a later date.

A Verified Translation will be submitted at a later date.

No payment is enclosed at this time. Full payment will be made when the executed Declaration is submitted.

Submitted herewith is a check in the amount of \$1146.00. The Commissioner is hereby authorized to charge any deficiency or credit any excess to Deposit Account No. 14-0112.

Respectfully submitted,
NATH & ASSOCIATES PLLC


Gary M. Nath
Registration No. 26,965
Customer No. 20529

Date: June 27, 2001

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GMN/sjb (1082)